Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Thursday 14 Dec 2023 until 23:59 on Friday 15 Dec 2023

Forecast Issued on Wednesday 13 Dec 2023 at 15:05

Confidence: Medium

Headline for Thursday 14 Dec 2023: Damp start, but brightening up.

Mountain weather hazards on Thursday 14 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Sleet	Light rain	Drizzle	Mist	Sunny intervals	Fog	Fog
Precipitation probability							
10%	50%	80%	70%	30%	10%	<05%	<05%

Forecast for Thursday 14 Dec 2023

Weather: A frosty start, then overnight rain and snow, the snow mainly at height, and turning to rain at all levels by dawn. Outbreaks of rain and drizzle during the morning, but drier by midday and the cloud beginning to lift and break, some bright spells developing in the afternoon. Clear spells and occasional low cloud in the evening.

Chance of cloud-free hill tops above 600m: 20% overnight and early morning, rising to 80% in the afternoon, lowering 40% in the evening.

Low cloud and visibility: Extensive cloud, base 300m, lifting and breaking, becoming occasional or scattered cloud, base 600 to 900m in the afternoon, then lowering 300 to 600m in the evening. Visibility moderate to very poor, becoming mostly very good in the afternoon, then poor or very poor in any low cloud in the evening.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Thursday 14 Dec 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/8 SW	12/17 SW	18/25 SW	16/21 SW	14/19 W	15/20 W	14/19 W	14/20 W	16/23 W
300	4/6 S	6/11 S	11/18 S	12/18 SW	9/14 W	9/16 W	9/14 W	9/15 SW	10/17 SW
Valley	3/5 SE	3/12 SE	6/18 S	6/15 SW	5/13 W	6/15 W	4/13 W	4/13 SW	5/15 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-0/-3	0/-4	1/-5	3/-2	4/-1	4/-1	3/-1	3/-2	3/-2
300	1/-1	2/-0	3/-1	4/0	6/3	6/4	5/2	5/2	5/1
Valley	1/-1	2/1	3/0	4/2	6/5	7/5	5/4	5/3	4/2
Freezing Level*	500m	600m	1200m	1500m	1100m	1000m	1000m	1100m	1100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View
Nothing further to add.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Wed 13 Dec 2023	1.2mm	8.2mm	28.2mm

Forecast for Friday 15 Dec 2023

Weather: Dry overnight and during the morning with occasional bright or clear spells. Lowering cloud with patchy light rain and drizzle developing through the afternoon, then little change in the evening. Windy with a significant wind chill over the summits.

Maximum wind: West or Southwest 20 to 25mph gusting 35mph.

Chance of cloud-free hill tops above 600m: 70% around the middle of the day, but 40% early and 20% later.

Low cloud and visibility: Occasional or scattered cloud near the summits, becoming extensive, base 300 to 600m during the afternoon. Visibility mainly good or very good at first, but falling moderate to very poor in rain, drizzle and cloud.

Temperature: **Valleys:** Plus 4 to 10 Celsius
At 600m: Plus 2 rising to 6 Celsius
Freezing level: Above the summits

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